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C. Gelfand
PATENT 2/11/93

Atty. Docket No. 8636

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : David H. Gelfand et al.
SERIAL NO. : 07/873,897 GROUP ART UNIT: 1808
FILED : April 24, 1992 EXAMINER: D. Haff
DOCKET NO. : 8636
TITLE : PURIFIED THERMOSTABLE ENZYME

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.56, §1.97, AND §1.98

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

The Examiner may find the following reference and information, submitted in accordance with the duty of the disclosure under 37 C.F.R. §1.56, §1.97, and §1.98, material in the examination of the above-identified application. A copy of the reference listed below and on the attached P.T.O. 1449 form is provided. The Examiner is requested to make this reference of official record in the application.

The present invention provides stabilized thermostable nucleic acid polymerase compositions. Since 1987 and due to the benefits provided by the present application, thermostable nucleic acid polymerases have come into widespread use. Suppliers that formulate their thermostable nucleic acid polymerase with the stabilizers of the present invention have met with great commercial success. These stabilizers, non-ionic polymeric detergents, help maintain polymerase activity in purified preparations of thermostable nucleic acid polymerase during the heating and cooling steps of the PCR.

1. Wu and Cetta, 1975, Biochemistry 14(4):789-795

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This Supplemental Information Disclosure Statement under 37 C.F.R. §1.56, §1.97, and §1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art under 35 U.S.C. §102 and §103.

Respectfully submitted,

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January 14, 1993

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